

### Pugh Diagram for System Architecture Layout

	Concept #:	Ref			1			2			3			4		
	Concept Description:	HeartMate II (Reference)			Centralized Internal EP; Ext Battery			Multi-case EP; Partial Implant; Ext & Sep Battery			Centralized External EP; Ext & Sep Battery			Centralized External EP; Incl Battery		
Selection Criteria	Weight	Rating	Notes	Wtd	Rating	Notes	Wtd	Rating	Notes	Wtd	Rating	Notes	Wtd	Rating	Notes	Wtd
Team Resources/Implementation	17.5%	0		0.00	-2		-0.35	1		0.18	2		0.35	2		0.35
Size of Components Outside Body	15.0%	0		0.00	2		0.30	-1		-0.15	-2		-0.30	-2		-0.30
Size of Components Inside Body	12.5%	0		0.00	-3		-0.38	1		0.13	0		0.00	0		0.00
Robust	12.5%	0		0.00	3		0.38	2		0.25	1		0.13	1		0.13
Ease of Data Acquisition & Programmability	12.5%	0		0.00	-2		-0.25	2		0.25	2		0.25	2		0.25
Serviceability	10.0%	0		0.00	-3		-0.30	1		0.10	0		0.00	0		0.00
Ergonomics	7.5%	0		0.00	2		0.15	-1		-0.08	-3		-0.23	-4		-0.30
Physical Controls Functionality	7.5%	0		0.00	-1		-0.08	1		0.08	2		0.15	2		0.15
Cost	5.0%	0		0.00	-2		-0.10	-1		-0.05	0		0.00	0		0.00
	<b>Total Score</b>			0.00			-0.63			0.70			0.35			0.28
	<b>Rank</b>			0			4			1			2			3